

# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 010327-008110US

First Inventor

Radhakrishnan, Janardhanan

Title

PARTITIONING AND CATEGORIZING DATA IN A  
SPLIT-PLANE ARCHITECTURE FOR FAST  
RECOVERY FROM DATA PLANE FAILURES AND  
FAST RESTARTS

Express Mail Label No. EV 330 854 275 US

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning design patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 18 ]  
(preferred arrangement set forth below)  
- Descriptive title of the Invention  
- Cross Reference to Related Applications  
- Statement Regarding Fed sponsored R & D  
- Reference to sequence listing, a table,  
or a computer program listing appendix  
- Background of the Invention  
- Brief Summary of the Invention  
- Brief Description of the Drawings ( if filed)  
- Detailed Description  
- Claim(s)  
- Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 5 ]
5. Oath or Declaration [Total Pages 1 ]  
a. ☒ Newly executed (original or copy)  
b. ☐ Copy from a prior application (37 CFR 1.63 (d))  
(for a continuation/divisional with Box 18 completed)  
i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s)  
named in the prior application, see 37 CFR  
1.63(d)(2) and 1.33(b).
6. ☒ Application Data Sheet. See 37 CFR 1.76

## ADDRESS TO

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

7. ☐ CD-ROM or CD-R in duplicate, large table or  
Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)  
a. ☐ Computer Readable Form (CRF)  
b. Specification Sequence Listing on:  
i. ☐ CD-ROM or CD-R (2 copies); or  
ii. ☐ paper number of pages  
c. ☐ Statements verifying identity of above copies

## ACCOMPANYING APPLICATIONS PARTS

9. ☒ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement ☐ Power of  
(when there is an assignee) Attorney
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure ☐ Copies of IDS  
Statement (IDS)/PTO-1449 Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☒ Nonpublication Request under 35 U.S.C. 122  
(b)(2)(B)(i). Applicant must attach form PTO/SB/35  
or its equivalent
17. ☐ Other:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

of prior application No: \_\_\_\_\_

Prior application information: Examiner \_\_\_\_\_

Art Unit: \_\_\_\_\_

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 19. CORRESPONDENCE ADDRESS

☒ Customer Number

20350

OR ☐ Correspondence address below

Name

Address

City

State

Zip Code

Country

Telephone

Fax

Name (Print/Type)

Brian N. Young

Registration No. (Attorney/Agent)

48,602

Signature

Date

September 19, 2003

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Mail Stop Patent Application, P.O. Box 1450, Alexandria, VA 22313-1450. 60041946 v1

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31088 U.S. PTO  
107666004

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# FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ ) 1126

## Complete if Known

|                      |                            |
|----------------------|----------------------------|
| Application Number   | Unassigned                 |
| Filing Date          | Herewith                   |
| First Named Inventor | Radhakrishnan, Janardhanan |
| Examiner Name        | Unassigned                 |
| Art Unit             | Unassigned                 |
| Attorney Docket No.  | 010327-008110US            |

## METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit Card ☐ MoneyOrder ☐ Other ☐ None
☒ Deposit Account:Deposit  
Account  
Number

20-1430

Deposit  
Account  
Name

Townsend and Townsend and Crew LLP

The Commissioner is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments  
☒ Charge any additional fee(s) during the pendency of this application  
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity Small Entity

| Fee Code | Fee (\$) | Fee Code | Fee (\$) | Fee Description        | Fee Paid |
|----------|----------|----------|----------|------------------------|----------|
| 1001     | 750      | 2001     | 375      | Utility filing fee     | 750      |
| 1002     | 330      | 2002     | 165      | Design filing fee      |          |
| 1003     | 520      | 2003     | 260      | Plant filing fee       |          |
| 1004     | 750      | 2004     | 375      | Reissue filing fee     |          |
| 1005     | 160      | 2005     | 80       | Provisional filing fee |          |

SUBTOTAL (1)

(\$750)

## 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

| Total Claims       | Extra Claims | Fees from below | Fee Paid     |
|--------------------|--------------|-----------------|--------------|
| 34                 | -20** = 14   | X\$18           | \$252        |
| Independent Claims | 4            | -3** = 1        | X\$84 = \$84 |
| Multiple Dependent |              | X               |              |

Large Entity Small Entity

| Fee Code | Fee (\$) | Fee Code | Fee (\$) | Fee Description  |
|----------|----------|----------|----------|--|
| 1202     | 18       | 2202     | 9        | Claims in excess of 20                                     |
| 1201     | 84       | 2201     | 42       | Independent claims in excess of 3                          |
| 1203     | 280      | 2203     | 140      | Multiple dependent claim, if not paid                      |
| 1204     | 84       | 2204     | 42       | ** Reissue independent claims over original patent         |
| 1205     | 18       | 2205     | 9        | ** Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2)

(\$336)

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

| Large | Entity | Small | Entity | Fee Description  | Fee Paid |
|-------|--------|-------|--------|--|----------|
| 1051  | 130    | 2051  | 65     | Surcharge - late filing fee or oath  |          |
| 1052  | 50     | 2052  | 25     | Surcharge - late provisional filing fee or cover sheet.                    |          |
| 1053  | 130    | 1053  | 130    | Non-English specification  |          |
| 1812  | 2,520  | 1812  | 2,520  | For filing a request for reexamination                                     |          |
| 1804  | 920*   | 1804  | 920*   | Requesting publication of SIR prior to Examiner action                     |          |
| 1805  | 1,840* | 1805  | 1,840* | Requesting publication of SIR after Examiner action                        |          |
| 1251  | 110    | 2251  | 55     | Extension for reply within first month                                     |          |
| 1252  | 410    | 2252  | 205    | Extension for reply within second month                                    |          |
| 1253  | 930    | 2253  | 465    | Extension for reply within third month                                     |          |
| 1254  | 1,450  | 2254  | 725    | Extension for reply within fourth month                                    |          |
| 1255  | 1,970  | 2255  | 985    | Extension for reply within fifth month                                     |          |
| 1401  | 320    | 2401  | 160    | Notice of Appeal   |          |
| 1402  | 320    | 2402  | 160    | Filing a brief in support of an appeal                                     |          |
| 1403  | 280    | 2403  | 140    | Request for oral hearing   |          |
| 1451  | 1,510  | 1451  | 1,510  | Petition to institute a public use proceeding                              |          |
| 1452  | 110    | 2452  | 55     | Petition to revive - unavoidable   |          |
| 1453  | 1,300  | 2453  | 650    | Petition to revive - unintentional   |          |
| 1501  | 1,300  | 2501  | 650    | Utility issue fee (or reissue)   |          |
| 1502  | 470    | 2502  | 235    | Design issue fee   |          |
| 1503  | 630    | 2503  | 315    | Plant issue fee  |          |
| 1460  | 130    | 1460  | 130    | Petitions to the Commissioner  |          |
| 1807  | 50     | 1807  | 50     | Petitions related to provisional applications                              |          |
| 1806  | 180    | 1806  | 180    | Submission of Information Disclosure Stmt                                  |          |
| 8021  | 40     | 8021  | 40     | Recording each patent assignment per property (times number of properties) | 40       |
| 1809  | 750    | 2809  | 375    | Filing a submission after final rejection (37 CFR § 1.129(a))              |          |
| 1810  | 750    | 2810  | 375    | For each additional invention to be examined (37 CFR § 1.129(b))           |          |
| 1801  | 750    | 2801  | 375    | Request for Continued Examination (RCE)                                    |          |
| 1802  | 900    | 1802  | 900    | Request for expedited examination of a design application                  |          |

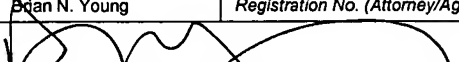
Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid SUBTOTAL (3)

(\$40)

## SUBMITTED BY

Complete (if applicable)

|                   |   |                                   |        |           |                    |
|-------------------|---|-----------------------------------|--------|-----------|--------------------|
| Name (Print/Type) | Dean N. Young   | Registration No. (Attorney/Agent) | 48,602 | Telephone | 415-576-0200       |
| Signature         |  |                                   |        | Date      | September 19, 2003 |

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. 60041954 v1

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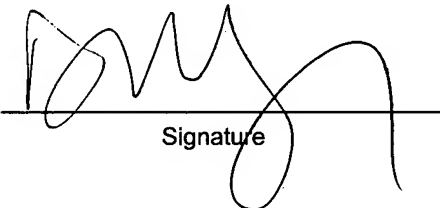
|   |                      |   |
|---|----------------------|---|
| <b>NONPUBLICATION REQUEST<br/>CERTIFICATION<br/>UNDER<br/>35 U.S.C. 122(b)(2)(B)(i)</b> | First Named Inventor | Janardhanan Radhakrishnan   |
|   | Title                | PARTITIONING AND CATEGORIZING DATA IN A SPLIT-PLANE<br>ARCHITECTURE FOR FAST RECOVERY FROM DATA PLANE ..... |
|   | Atty Docket Number   | 010327-008110US   |

I hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing.

I hereby request that the the specification of which ☒ is attached hereto; or, ☐ was filed on as Application No. not be published under 35 U.S.C. 122(b).

September 19, 2003

Date



Signature

Brian N. Young, Registration No. 48,602

Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**

**Burden Hour Statement:** This collection of information is required by 37 CFR 1.213(a). The information is used by the public to request that an application not be published under 35 U.S.C. 122(b) (and the PTO to process that request). Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This form is estimated to take 6 minutes to complete. This time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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